

## UNINTERRUPTIBLE POWER SUPPLY SPECIFICATIONS

**One (1) Liebert Nfinity Model NB12F0812600 12 kVA/8.4 kW** or equal with **81** minutes backup time at full load with an approximate 2 hour runtime at 9kVA load to be installed at the Disability Determination Service (DDS) office located at 2545 Rocky Ridge Lane, Birmingham, 35242.

### **The System shall have the following features/accessories:**

- On-line design with a sine wave output
- N+x parallel redundancy to provide a fault tolerant network of power protection for continuous systems availability
- Input and output noise suppression and isolation frame
- Casters and leveling feet
- 3-5 hour battery recharge time
- Fault tolerant microprocessor-based control and monitoring
- Low voltage distortion output inverter
- Flame-retardant, valve regulated batteries
- User interface module provides a mimic diagram of power flow
- LCD display provides access to: digital metering, event logging, user programmable set points (low battery alarm, battery test, autorestart delay).
- All modules are hot-swappable to provide maximum system availability

### **Equipment to Be Included In Bid:**

- Matching Battery Cabinet(s) to provide longer back-up times; **1 External Battery Cabinet(s). Model Number N900E1200000 and N900E0200000** or equal.
- (2) 3-foot Pluggable Battery Cable(s) for connection between Extended Battery Cabinet and UPS.
- IS-WEBCARD: IntelliSlot Web Card (PowerSure Interactive, UPStation GXT, UPStation GXT 2U, and Nfinity UPS). This interface card delivers SNMP, Telnet and web-management capability for enhanced communications and control of Liebert UPS, Power Management or Precision Cooling systems. The card manages a wide range of operating parameters, alarms and notifications, transmitting data over the network.

### **The Following Basic UPS Warranty Must Be Included As Part of the Bid:**

- Start-up expands the Nfinity warranty to include remedial onsite labor for the full two year warranty period and provides the customer with a guaranteed 6 hour on-site response for emergency service.

The training on all equipment must be provided by factory trained/authorized personnel. All warranty service must be performed by factory trained/authorized personnel.

The Nfinity frame is not supplied with a main input breaker. A 125 Amp breaker and/or disconnect is to be supplied by the vendor/installer in accordance with all local and national electrical codes.

One (1) UPS - **3 Year Extended Warranty** covering the UPS and the battery cabinets that includes preventative maintenance visit in years 3, 4 and 5 and extends the factory 2 year warranty to 5 full years with a guaranteed six hours on-site response time for emergency service must be provided by the vendor with the UPS.

The vendor will relocate the existing DDS UPS from the second floor to the DDS supply room on first floor.

The UPS must be installed and be made fully operational. Installation shall include adding a new 125 amp panel (42 circuits) on the load side of the UPS and re-feeding existing UPS panel/outlets from the panel in order to provide space to meet future needs. The switch over to the new UPS must occur either after the DDS system operational hours (7:30 p.m.) or on a Saturday. **The timing of the switchover must be coordinated with and approved by the DDS system staff in advance. (Ronnie Sutton or Don Chapman).**